The listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): An optical element to be mounted on a shaft, in particular a spindle shaft, for the purpose of deflecting a laser beam, the laser beam being deflected via a first mirror face and a second mirror face, ~~characterized in that~~ wherein at least one further surface (6,7) is provided for the purpose of compensating for the centrifugal forces and gyroscopic moments of the optical element (1).

Claim 2 (Currently Amended): The optical element as claimed in claim 1,

~~characterized in that~~ wherein the further surface (6) is mounted at an angle (15) of 25° to 65° with respect to the perpendicular (17) of the axis of rotation (8) of the shaft (2).

Claim 3 (Currently Amended): The optical element as claimed in ~~one of the preceding claims~~ claim 1,

~~characterized in that~~ wherein the further surface (7) is mounted at an angle (16) of 37.5° to 80° with respect to the perpendicular (18) of the axis of rotation (8) of the shaft (2).

Claim 4 (Currently Amended): The optical element as claimed in ~~one of the preceding claims~~ claim 1,

~~characterized in that~~ wherein the first mirror face (4) has edges (10) and (11), whose distance from the axis of rotation (8) of the shaft (2) is between 15% and 35% of the outer diameter (14) of the optical element (1).

Claim 5 (Currently Amended): The optical element as claimed in ~~one of the preceding claims~~ claim 1,

~~characterized in that~~ wherein the second mirror face (5) has edges (12) and (13), the edge (13) being arranged at a distance of 45% to 110% of the diameter of the laser beam (3) from the axis of the rotation (8) of the shaft (2).

Claim 6 (Currently Amended): The optical element as claimed in ~~one of the preceding claims~~ claim 1,

~~characterized in that~~ wherein the optical element (1) is fixed to the shaft (2) via an S-shaped joint.

Claim 7 (Currently Amended): The optical element as claimed in ~~one of the preceding claims~~ claim 1,

~~characterized in that~~ wherein at least two further surfaces (19, 20) and/or (21, 22) are provided for the purpose of compensating for the centrifugal forces and gyroscopic moments of the optical element (1).

Claim 8 (Currently Amended): The optical element as claimed in claim 7,

~~characterized in that~~ wherein the further surfaces (19, 20) and/or (21, 22) are arranged at angles (23 or 24) of 60° to 120° with respect to one another.